10716595 - GAU: 2827

PTO/SB/08B (08/03) (modified)
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

1 of 23

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

JUL 3 1 2008

(use as many sheets as necessary)

Application Number	10/716,595
Filing Date	November 20, 2003
First Named Inventor	Michael FARMWALD, et al.
Art Unit	2827
Examiner Name	Nguyen, Tan
Confirmation No.	7213
Attorney Docket Number	57941.000062

			U.S. PATENT DO	CUMENTS	
*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/TN/	1.	US 4,438,494	03-20-1984	Budde, et.al	
I	2.	US 5,179,687	01-12-1993	Hidaka	
00000000	3.	US 5,268,865	12-07-1993	Takasugi	
0000000	4.	US 5,329,489	07-12-1994	Diefendorff	
0000000	5.	US 5,343,425	08-30-1994	Saito	
	6.	US 5,384,745	01-24-1995	Konishi	
	7.	US 5,404,338	04-04-1995	Murai	
	8.	US 5,539,696	07-23-1996	Patel	
- X	9.	US 5,581,746	12-03-1993	Watanabe	
00000000	10.	US 5,585,745	12-17-1996	Simmons et. al	
	11.	US 5,790,447	08-04-1998	Laudon	
/11//	12.	US 5,829,026	11-10-1998	Leung, et al.	
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	FOREIGN PATENT DOCUMENTS								
			REIGN PATENT DOCUMENT			Pages, Columns, Lines,			
*Examiner Initial	Cite No.		Code Number-Kind ode (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	YES	NO	
/TN/	13.	EP	0 509 811	10-21-1992	Doska				
-	14.	EP	0 605 887	07-13-1994	Watanabe				
	15.	EP	0 994 420	04-19-2000	Farmwald				
	16.	EP	0-339-224	11-02-1989	Bowater, et. al.				
/TN/	17.	EP	1 004 956	01-03-2001	Farmwald				

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Sheet	2 of 23	Attorney Docket Number	57941.000062

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		•	REIGN PATENT DOCUMENT			Pages, Columns, Lines,		
Examiner	Cite No.		y Code Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	TRANSLA	NO
/TN/	18.	EP	1 004 956 A2	05-31-2000	Farmwald			
8	19.	EP	1 004 956 B1	01-03-2001	Farmwald			
000000	20.	EP	1 022 641	07-26-2000	Farmwald			
20000	21.	EP	1 022 642 A1	07-26-2000	Farmwald		\boxtimes	
1/	22.	EP	1 022 642 B1	09-05-2001	Farmwald			
V	23.	EP	1 197 830	04-19-2002	Farmwald			
/TN/	24.	DE	37 33 554	04-21-1988	Lofgren			

		OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS		
*Examiner Cite		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue		ATION
Initials	number(s), publisher, city and/or country where published		YES	NO
/TN/	25.	Blake, Jane (Editor), "CVAX-Based Systems," Digital Technical Journal - Digital Equipment Corporation, No. 7 pp. 1-143, August 1988.		
2000000000	26.	Bursky, "Fast DRAMs Can Be Swapped for SRAM Caches," Electronic Design Report, July 22, 1993		
000000000000000000000000000000000000000	27.	Bursky, "Triple-Port Dynamic RAM Accelerates Data Movement," Electronic Design, A Penton Publication, May 24, 1990.		
V	28.	Chipworks, "MoSys MD909SJ-5-100 288Kx32Bit Multibank DRAM Circuit Analysis Report," (Revised 1.0 - October 19, 2007; Rev. 2.0 - January 16, 2008 and Rev. 3.0 - April 22, 2008)		
/TN/	29.	Chipworks, "MoSys MD909SJ-5-100 288Kx32Bit Multibank DRAM Identification Report," published April 11, 2007.		

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*EXAMINER: Initial if reference considered, whether or not	t citation is in conformance with MPEP 609. Draw line	through

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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/TN/	30.	Claim Chart Comparison for Claim 1 of EP 0 994 420 in the European Opposition Proceedings for EP 1 197 830 dated May 21, 2008.	YES	NO	
200000000000000000000000000000000000000	31.	Claim Construction Order For The Farmwald/Horowitz Patents And Order Denying The Manufacturers' Motions For Summary Judgment Of Non-Infringement And Invalidity Depending On Claim Construction Dated July 10, 2008 from Rambus v. Hynix, et al., No. C-05-00334 RMW, Rambus v. Samsung, et al., C-05-02298 RMW and Rambus v. Micron, et al. No. C-06-00244 RMW			
000000000000000000000000000000000000000	32.	Clarified and Corrected Order on Rambus's Motion for Summary Judgment of Infringement, from Hynix Semiconductor Inc. et al. v. Rambus Inc., 00-20905 RMW (N.D. Cal.) dated January 19, 2005.			
000000000000000000000000000000000000000	33.	Cole, "Designers Try Alternatives to Asynchronous DRAMS: New Approach to Memory Needed," Electronic Engineering Times, Design, December 7, 1992			
000000000000000000000000000000000000000	34.	Colwell, Robert P. et. al. "Performance Effects of Architectural Complexity in the Intel 432", ACM Transactions on Computer Systems, Vol. 6, No. 3, pp. 296-339 (August 1988)			
000000000000000000000000000000000000000	35.	Combined Claims of EP 0 994 420 A2 und EP 1 197 830 A2 in the European Opposition Proceedings for EP 1 197 830 dated May 21, 2008			
00000	36.	Comments by Third Party Requester Pursuant to 37 C.F.R. 1.947 dated May 15, 2008 In re Inter Partes Reexamination Control No. 95/001,008			
	37.	Communication from European Patent Office for European Patent No. 1 022 642 dated May 9, 2005			
V	38.	Communication in Opposition Proceedings in EP 1 002 642 dated May 9, 2005			
/TN/	39.	Communication of Notices of Opposition dated 4-21-2008 in European Patent No. 1,640 847			

EXAMINER SIGNATURE	/Tan Nguyen/	DATE CONSIDERED	09/17/2008

4 of 23

Sheet

10716595 - GAU: 2827

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Substitute for form 1449A/PTO	Application Number	10/716,595
INFORMATION DISCLOSURE	Filing Date	November 20, 2003
STATEMENT BY APPLICANT	First Named Inventor	Michael FARMWALD, et al.
(use as many sheets as necessary)	Art Unit	2827
(use as many sneets as necessary)	Examiner Name	Nguyen, Tan

Confirmation No.

Attorney Docket Number

7213

57941.000062

09/17/2008

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		number(s), publisher, city and/or country where published	YES	NO
/TN/	40.	Comparison of Application No. EP 1 197 830 to WO91/16680 in the European Opposition Proceedings for EP 1 197 830 dated May 21, 2008		
200000000000000000000000000000000000000	41. Consolidated Reply in Support of Rambus's Motions for Summary Judgment, dated November 16, 2007, from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D. Cal.) and Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.)			
000000000000000000000000000000000000000	42. Decision Granting Petition to Waive 37 C.F.R. §1.98(a)(2) and Enter Into the File Documents from Co-Pending Reexamination Proceeding dated April 17, 2008 In re Inter Partes Reexamination Control No. 95/001,013			
		Decision Regarding Third Party Requester's Response to Order to Show Cause and Patent Owner's Comments Thereon mailed April 7, 2008 in <i>Inter Partes</i> Reexamination Control No. 95/000,166		
000000000000000000000000000000000000000	44.	Decision Regarding Third Party Requester's Response to Order to Show Cause and Patent Owner's Comments Thereon mailed April 7, 2008 in <i>Inter Partes</i> Reexamination Control No. 95/000,183		
		Decision Regarding Third Party Requester's Response to Order to Show Cause and Patent Owner's Comments Thereon mailed April 7, 2008 in <i>Inter Partes</i> Reexamination Control No. 95/000,250		
	46.	Decision Revoking European Patent No. 1 004 956, including Summary of Facts and Submissions dated February 9, 2005		
V	47.	Declaration of David L. Taylor in Opposition to Rambus's Motion for Summary Judgment of Infringement from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated February 10, 2004.		
/TN	48.	Declaration of David L. Taylor in Support of Hynix's Motions for Summary Judgment from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated January 12, 2004.		

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citation if not i	n conformance and	not consider	red. Include	cop	y of this form	with next con	nmunicati	ion to app	licant.	د س

DATE CONSIDERED

/Tan Nguyen/

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		P10/SB/08B	(UB/U3) (modified)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/716,595
		Filing Date	November 20, 2003
		First Named Inventor	Michael FARMWALD, et al.
		Art Unit	2827
		Examiner Name	Nguyen, Tan
		Confirmation No.	7213
Sheet	5 of 23	Attorney Docket Number	57941.000062

	OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS								
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Timas	110.	number(s), publisher, city and/or country where published	YES	NO					
/TN/	49.	Declaration of David L. Taylor in Support of Hynix's Motions for Summary Judgment of Non-Infringement and Invalidity dated March 4, 2005 from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.)							
0000000000	50.	Declaration of David L. Taylor in Support of Hynix's Responsive Claim Construction Brief, from Hynix Semiconductor Inc. et al. v. Rambus Inc., No. 00-20905 RMW (N.D. Cal.) dated November 10, 2003.							
000000000000000000000000000000000000000	51.	Declaration of David L. Taylor in Support of Motion for Relief from the Court's January 19, 2005 Order Granting Summary Judgment of Infringement from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated January 24, 2005.							
***************************************	52.	Declaration of Joseph McAlexander in Support of Manufacturer's Joint Opposition to Rambus's Motions for Summary Judgment of Literal Infringement, dated October 31, 2007, from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D. Cal.) and Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.)							
000000000000000000000000000000000000000	53.	Declaration of Joseph McAlexander in Support of Manufacturer's Responsive Brief on Claim Construction from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D. Cal.), and Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.) dated September 14, 2007.							
\	54.	Declaration of Joseph McAlexander in Support of the Manufacturer's Farmwald and Ware Motions for Summary Judgment from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D. Cal.), and Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.) dated October 9, 2007.							
/TN/	55.	Declaration of Robert J. Murphy in Support of Consolidated Reply in Support of Rambus's Motions for Summary Judgment dated November 16, 2007, from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D. Cal.) and Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.)							

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	OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS							
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/TN/	56.	Declaration of Robert J. Murphy in Support of Plaintiff's Opening Markman brief from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D. Cal.), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D. Cal.), and Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.) dated August 24, 2007						
200000000	57. Declaration of Robert J. Murphy in Support of Rambus' Opening Claim Construction Brief from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated October 27, 2003.							
000000000000000000000000000000000000000	58.	Declaration of Robert J. Murphy in Support of Rambus's Motion for Summary Judgment of Infringement from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated January 12, 2004.						
000000000000000000000000000000000000000	59.	Declaration of Robert J. Murphy in Support of Rambus's Motions for Summary Judgment of Infringement, dated October 5, 2007, from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D. Cal.)Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.)						
***************************************	60.	Declaration of Robert J. Murphy in Support of Rambus's Oppositions to Hynix's Motions for Summary Judgment from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated February 11, 2004.						
	61.	Declaration of Robert J. Murphy in Support of Rambus's Opposition to Manufacturer's Joint Motion for Summary Judgment, from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D. Cal.), and Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.) dated November 2, 2007.						
***************************************	62.	Defendant Infineon Technologies AG's First Supplemental Responses to Plaintiff's Interogatories Nos. 3, 5, and 6, dated December 4, 2000, from RAMBUS Inc. V. Infineon Technologies AG etal., No. 3:00CV524 (E.D. Va)						
V	63.	Defendant Samsung's Supplemental Preliminary Invalidity Contentions dated April 28, 2008 in Rambus Inc. v. Samsung Electronics Co., Ltd, et al., No. C 00-02298 RMW (N.D. Cal.)						
/TN/	64.	Designation of OI and OII Outline in the European Opposition Proceedings for EP 1 197 830 dated May 21, 2008	\boxtimes					

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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65.		Diede, "The Titan Graphics Supercomputer Architecture," Computer, pp. 13-30, September	TES						
/TN/	J	1988							
1000000000000	66.	Electric Engineering Times, A CMP Publication, Issue 724, December 7, 1992.							
000000000000000000000000000000000000000	67.	European Search Report from European Application No. 02 00 0376 dated August 10, 2005							
000000000000000000000000000000000000000	68.	European Search Report from European Application No. 99 11 8308 dated April 27, 2000							
300000000000000000000000000000000000000	69.	Examination Report from European Application No. 00 10 0018 dated October 16, 2003							
000000000000000000000000000000000000000	70.	Examination Report from European Application No. 00 10 8822 dated March 20, 2001							
000000000000000000000000000000000000000	71.	Examination Report from European Application No. 00 101 1832 dated August 7, 2000							
000000000000000000000000000000000000000	72.	Examination Report from European Application No. 02 00 0378 dated May 3, 2006							
000000000000000000000000000000000000000	73.	Examination Report from European Application No. 99 11 8308 dated April 3, 2002							
V	74.	Examination Report from European Application No. 99 11 8308 dated February 16, 2005							
/TN/	75.	Examination Report, dated January 14, 1998, from European Application No. 91 98 374. 1							

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Initials	No.		y and/or country where published	YES	NO		
/TN/	76.	Examination Report, dated July 22, 1999, fr	om European Application No 91 908 374.1				
000000000000000000000000000000000000000	77.		xander in Support of Comments by Third Party ed May 15, 2008 In re Inter Partes Reexamination				
000000000000000000000000000000000000000	78.		Support of Comments by Third Party Requester 5, 2008 In re Inter Partes Reexamination Control				
000000000000000000000000000000000000000	79.	Exhibit E - Donner, Patent Prosecution, Practice and Procedures before the U.S. Patent and Trademark Office, copyright 1996, in Support of Comments by Third Party Requester Pursuant to 37 C.F.R. 1.947 dated May 15, 2008 In re Inter Partes Reexamination Control No. 95/001,008					
000000000000000000000000000000000000000	80.		Pages 1-249, dated May 7, 2008 in Support of pant to 37 C.F.R. 1.947 dated May 15, 2008 In re 001,008				
000000000000000000000000000000000000000	81.	Judge in Hynix et al. v. Rambus and Ram	ore the Honorable Ronald M. Whyte, U.S. District libus v. Hynix, et al. C-00-20905 dated March 28, arty Requester Pursuant to 37 C.F.R. 1.947 dated tion Control No. 95/001,008				
000000000000000000000000000000000000000	82.	U.S. Patent No. 6,038,195 based on the	Claim Chart for Claims 1-24, 27, and 32-37 of the JEDEC Standard, with additional reference to mination Control No, 90/010,082 dated December				
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	83.	Exhibit K to Request for Reexamination - C	Claim Chart for Claims 1, 8, 18, 31, 32, and 43-45 e JEDEC Standard, from Reexamination Control				
V	84.	Exhibit K to Request for Reexamination - Claim Chart for Claims 1, 2, 5, 14, 38, and 41 of U.S. Patent No. 6,715,020 based on the JEDEC Standard, from Reexamination Control No. 95/001,008 dated October 1, 2007.					
/TN/	85.	Exhibit L to Request for Reexamination - C U.S. Patent No. 6,038,195 based on Park, Johnson, from Reexamination Control No. 9	Claim Chart for claims 1-24, 27, and 32-37 of the with additional reference to Grover, Lofgren, and 90/010,082 dated December 19, 2007				
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/TN/	86.	Exhibit L to Request for Reexamination - Claim Chart for Claims 1, 8, 18, 31, 32, and 43-45 of U.S. Patent No. 6,697,295 based on Park, with additional references to the JEDEC Standard, Inagaki, Johnson, Lofgren, and Grover, from Reexamination Control No. 95/001,013 dated October 11, 2007.					
82000000000	87.	Exhibit L to Request for Reexamination - Claim Chart for Claims 1, 2, 5, 14, 38, and 41 of U.S. Patent No. 6,715,020 based on Park, with additional reference to the JEDEC Standard and Inagaki, from Reexamination Control No. 95/001,008 dated October 1, 2007.					
000000000000000000000000000000000000000	88.	Exhibit M to Request for Reexamination - Claim Chart for Claims 1-51 of U.S. Patent No, 6.697,295 based on the iAPX Manual, with additional reference to Inagaki, Rau, Johnson, Lofgren, and Grover, from Reexamination Control No. 95/001,013 dated October 11, 2007					
000000000000000000000000000000000000000	89.	Exhibit M to Request for Reexamination - Claim Chart for claims 1-24, 27, and 32-37 of the U.S. Patent No. 6,038,195 based on the iAPX Manual, with additional reference to iAPX Specification, Grover, Lofgren and Johnson, from Reexamination Control No. 90,010,082 dated December 19, 2007					
	90.	Exhibit M to Request for Reexamination - Claim Chart for Claims 1-2, 6, 9-11, 13-16, 19-20, and 25-26 of U.S. Patent No. 6,452,863 based on Park, from Reexamination Control No. 95/000,250 dated June 28, 2007					
200000000000000000000000000000000000000	91.	Exhibit M to Request for Reexamination - Claim Chart for Claims 1-49 of U.S. Patent No. 6,715,020 based on the iAPX Manual, with additional reference to Inagaki, Lofgren, and Grover, from Reexamination Control No 95/001,008 dated October 1, 2007					
200000000000000000000000000000000000000	92.	Exhibit N to Request for Reexamination - Claim Chart for Claims 1-51 of U.S. Patent No, 6.697,295 based on Budde, with additional reference to Inagaki, Rau, Johnson, Lofgren, and Grover, from Reexamination Control No. 95/001,013 dated October 11, 2007					
000000000000000000000000000000000000000	93.	Exhibit N to Request for Reexamination - Claim Chart for claims 1-24, 27, and 32-27 of the U.S. Patent No. 6,028,195 based on Budde, with additional reference to Grover, Lofgren, Johnson, and Rau, from Reexamination Control No. 90/010,082 dated December 19, 2007					
V	94.	Exhibit N to Request for Reexamination - Claim Chart for Claims 1-2, 6, 9-11, 13-16, 19-20, and 25-26 of U.S. Patent No. 6,452,863 based on the JEDEC Standard, from Reexamination Control No. 95/000,250 dated June 28, 2007					
/TN/	95.	Exhibit N to Request for Reexamination - Claim Chart for Claims 1-49 of U.S. Patent No. 6,715,020 based on Budde, with additional reference to Inagaki, Lofgren, and Grover, from Reexamination Control No. 95/001,008 dated October 1, 2007.					

EXAMINER SIGNATURE	/Tan Nguyen/	DATE CONSIDERED	09/17/2008	
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10716595 - GAU: 2827

PTO/SB/08B (08/03) (modified) U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE		Application Number	10/716,595
		Filing Date	November 20, 2003
		First Named Inventor	Michael FARMWALD, et al.
	TEMENT BY APPLICANT	Art Unit	2827
(use as many sheets as necessary)	Examiner Name	Nguyen, Tan
		Confirmation No.	7213
Sheet	10 of 23	Attorney Docket Number	57941.000062

			OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS		
*Exar		Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSL	ATION NO
/1	Γ N /	96.	Exhibit O to Request for Reexamination - Claim Chart for Claims 1-35 of U.S. Patent No. 6,452,863 based on the iAPX Manual, with additional reference to Inagaki, Johnson. Lofgren, and Grover, from Reexamination Control No. 95/000,250 dated June 28, 2007		
	000000000000000000000000000000000000000	97.	Exhibit O to Request for Reexamination - File History of U.S. Patent No. 6,038,195, from Reexamination Control No. 90/010,082 dated December 19, 2007		
		98.	Exhibit O to Request for Reexamination - File History of U.S. Patent No. 6,715,020, from Reexamination Control No, 95/001,008 dated October 1, 2007		
		99.	Exhibit P to Request for Reexamination - Claim Chart for Claims 1-35 of U.S. Patent No. 6,452,863 based on Budde, with additional reference to Inagaki, Johnson, Lofgren, and Grover, from Reexamination Control No. 95/000,250 dated June 28, 2007		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		100.	Exhibit P to Request for Reexamination - File History of U.S. Patent No. 6,697,295, from Reexamination Control No. 95/001,013 dated October 11, 2007		
***************************************		101.	Exhibit P to Request for Reexamination - File History of U.S. Patent No. 5,841,580, from Reexamination Control No. 90/010,082 dated December 19, 2007		
000000000000000000000000000000000000000		102.	Exhibit P to Request for Reexamination - File History of U.S. Patent No. 6,751,696, from Reexamination Control No. 95/001,008 dated October 1, 2007		
***************************************		103.	Exhibit Q to Request for Reexamination - Claim Chart for Claims 14-16 of U.S. Patent No. 6.4 52,863 based on Hynix-1 and Hynix.2, from Reexamination Control No. 95/000,250 dated June 28, 2007		
200000000000000000000000000000000000000		104.	Exhibit Q to Request for Reexamination - File History of U.S. Patent No. 6,314,051, from Reexamination Control No. 95/001,013 dated October 11, 2007		
100000000000000000000000000000000000000		105.	Exhibit S to Request for Reexamination - File History of U.S. Patent No. 6,034,918, from Reexamination Control No. 95/000.250 dated June 28, 2007		
/1	ΓN/	106.	Expert Report of Robert J. Murphy Regarding Claim Construction, dated August 17, 2001, from Micron Technology, Inc. v. Rambus Inc., No. 00-792 (RRM) (D. Del.)		

EXAMINER SIGNATURE /Tan Nguyen/	DATE CONSIDERED	09/17/2008
*EXAMINER: Initial if reference considered, whether or not citation if not in conformance and not considered. Include cop		

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PTO/SB/08B (08/03) (modified)
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		Application Number	10/716,595
INIEO	DMATION DISCLOSURE	Filing Date	November 20, 2003
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		First Named Inventor	Michael FARMWALD, et al.
		Art Unit	2827
		Examiner Name	Nguyen, Tan
		Confirmation No.	7213
Sheet	11 of 23	Attorney Docket Number	57941.000062

	_		OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS		
*Ехап		Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	TRANSI	ATION
Initials	3	No.	number(s), publisher, city and/or country where published	YES	NO
/Т	N/	107.	Expert Report of Robert J. Murphy Regarding Patent Validity dated April 13, 2005, from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.)		
108.		108.	Extended European Search Report from European Application No. 05 02 6720 dated April 13, 2006		
	000000000000000000000000000000000000000	109.	Extended European Search Report from European Application No. 06 12 5946 dated August 24, 2007		
	110.		Extended European Search Report from European Application No. 06 12 5954.5 dated July 18, 2007		
	111.		Extended European Search Report from European Application No. 06 12 5958.6 dated August 6, 2007		
	00000000000000000000000000000000000000	112.	Extraction defining variations of the word "Operation" from "The new IEE Standard Dictionary of Electrical and Electronic Terms" - January 15, 1993 in the European Opposition Proceedings for EP 1 197 830 dated May 21, 2008	\boxtimes	
		113.	Extraction defining variations of the word "Operation" from Academic Press Dictionary of Science and Technology - 1992 in the European Opposition Proceedings for EP 1 197 830 dated May 21, 2008		
		114.	Extraction defining variations of the word "Operation" from IEEE Standard Dictionary of Electrical and Electronic Terms - November 3, 1988 in the European Opposition Proceedings for EP 1 197 830 dated May 21, 2008		
1	/	115.	Extraction defining variations of the word "Operation" from Microsoft Press - Computer Dictionary - 1991 in the European Opposition Proceedings for EP 1 197 830 dated May 21, 2008	\boxtimes	
/TN/		116.	Hynix's Motion for Administrative Relief to File Hynix's Second Supplemental Brief in Support of its Motion for New Trial in Invalidity Due to Prior Art from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated January 4, 2008.		

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/TN/		117.	Hynix's Motion for Leave to File Motion for Partial Reconsideration of Claim Construction and Summary Judgment Orders from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated August 5, 2005.		
118.		Hynix's Motion for Reconsideration of Construction of "Device" and Related Summary Judgment Orders from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated October 18, 2005.			
***************************************		119.	Hynix's Opposition to Rambus's Motion for Summary Judgment of Infringement by Hynix's Counterclaim Products, dated November 2, 2007, from Rambus Inc. v. Hynix Semiconductor Inc. et al. No. 05-00334 RMW (N.D. Cal)		
120.		120.	Hynix's Reply in Support of its Motion for Reconsideration of Construction of "Device" and Related Summary Judgment Orders from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated November 7, 2005.		
000000000000000000000000000000000000000	121.		Hynix's Reply Re: Motion for a New Trial on Invalidity Based on Prior Art from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated June 13, 2006.		
000000000000000000000000000000000000000		122.	Hynix's Supplemental Brief in Support of its Motion for New Trial in Invalidity Due to Prior Art, from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated July 6, 2007.		
		123.	Intel 8203 64K Dynamic Ram Controller, pp 2:1-15 dated November 1997 cited in EP 1 197 830.		
124.		124.	Interlocutory Decision in Opposition Proceedings, dated November 27, 2002, from European Patent No. EP 0 525 068.		
		125.	JEDEC, "JC-42.3 Task Group Minutes - Meeting on Synchronous DRAM Ballots", (January 21, 1993)		
/TN/		126.	JEDEC, "Minutes of Meeting No. 75 - JC-42.3 - Committee on RAM Memories", (May 24, 1995)		

10716595 - GAU: 2827

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(u	se as many sheets as necessary)	Examiner Name	Nguyen, Tan
		Confirmation No.	7213
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	OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS						
*Examiner tnitials		Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION YES NO			
		127.	Johnson, Dave et. al., "Intel iAPX 432-VLSI Building Blocks for a Fault -Tolerant Computer", AFIPS Conference Proceedings, 1983 National Computer Conference, pp. 531-537 (May	YES	NO		
800000000000000000000000000000000000000	l	128.	Joint Claim Construction and Prehearing Statement Pursuant to Patent Local Rule 4-3 from Rambus Inc. v. Micron Technology inc. et al., No. 06-00244 RMW (N.D. Cal.) dated July 11, 2007				
000000000000000000000000000000000000000		129.	KA660 CPU Module Technical Manual, ©Digital Equipment Corporation March 1990, cited in the European Opposition Proceedings for EP 1 197 830 dated May 21, 2008				
130.		130.	Lines, Valerie et al., "High Speed Circuit Techniques in a 150Mhz 64M SDRAM", IEEE. pp. 8-11 (1997)				
131.		131.	Manners, "Memory Survival Crisis," Electronics Weekly, Feature, April 1, 1992.				
132.		132.	Manufacturer's Joint Motion for Summary Judgment of (1) Non-Infringement of the Farmwald Patents Under the Manufacturer's Proposed Claiam Construction or (2) Invalidity of the Farmwald patents Under Rambus's Proposed claim Construction and Memorandum of Points and Authorities from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D. Cal.), and Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.) dated October 9'2007.				
V	9	133.	Manufacturer's Joint Opposition to Rambus's Motions for Summary Judgment of Literal Infringement, dated November 2, 2007, from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D. Cal.) and				
/TN/ Manufacturer's Joint Preliminary Invalidity Contentions from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D. Cal.) dated May 11, 2007.							

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		Application Number	10/716,595
INITC	DMATION DISCLOSURE	Filing Date	November 20, 2003
	DRMATION DISCLOSURE	First Named Inventor	Michael FARMWALD, et al.
STATEMENT BY APPLICANT (use as many sheets as necessary)		Art Unit	2827
		Examiner Name	Nguyen, Tan
		Confirmation No.	7213
Sheet	14 of 23	Attorney Docket Number	57941.000062

	OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS							
*Examiner	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANS	ATION NO				
Judgment of (1) Non-Infringement of the Farmland Patents Under the Manufactur Proposed Claim Construction or (2) of Non-Infringement of the Farmland/Horowitz Pate Under the Manufacturer's Proposed Claim Construction and Memorandum of Points Authorities from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RI (N.D.Cal), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D.Cal)		Manufacturer's Joint Reply Brief in Support of the Manufacturer's Joint Motion for Summary Judgment of (1) Non-Infringement of the Farmland Patents Under the Manufacturer's Proposed Claim Construction or (2) of Non-Infringement of the Farmland/Horowitz Patents Under the Manufacturer's Proposed Claim Construction and Memorandum of Points and Authorities from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D.Cal.), and Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.) dated November 16, 2007.						
No. C 00-20905 RMW (N.D. Cal.), Rambus Inc. v. Hynix Semiconductor Inc. et a		Manufacturer's Supplemental Joint Preliminary Invalidity Contentions from Hynix v. Rambus, No. C 00-20905 RMW (N.D. Cal.), Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D. Cal.) and Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.) dated April 28, 2008.						
000000000000000000000000000000000000000	137.	Micron's Preliminary Invalidity Contentions from Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D.Cal.) dated May 11, 2007						
000000000000000000000000000000000000000	138.	Minutes of Oral Proceedings from European Patent No. EP 1 004 956 dated January 24, 2008						
000000000000000000000000000000000000000	139.	MoSys, "MoSys Data Sheet - "MD904 to MD920, ½ to 2½ Mbyte Multibank DRAM (MDRAM) 128Kx32 to 656Kx32," Preliminary Information, pp. 1-16 (February 21, 1997)						
	140.	MoSys, "MoSys Data Sheet - "MD904 to MD920, ½ to 2½ Mbyte Multibank DRAM (MDRAM) 128Kx32 to 656Kx32," Preliminary Information, pp. 1-14 (December 18, 1995)						
200000000000000000000000000000000000000	141.	MoSys, "MoSys Incorporated Technology White Paper", pp. 1-15 (July 1994)						
V	Notice of Opposition to European Patent No 0 994 420 of Micron Semiconduct (Deutschland) GmbH, dated October 2, 2006							
		Notice of Opposition to European Patent No. 0 994 420 of Hynix Semiconductor Deutschland GmbH dated October 2, 2006 (with English-language translation)		X				

EXAMINER SIGNATURE	/Tan Nguyen/	DATE CONSIDERED	09/17/2008	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONCIDENCES EXCEPT WHERE LINED THREE.

10716595 - GAU: 2827

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Substitute f	or form 1449A/PTO	Application Number	10/716,595
INIEO	DMATION DISCLOSURE	Filing Date	November 20, 2003
	RMATION DISCLOSURE	First Named Inventor	Michael FARMWALD, et al.
	TEMENT BY APPLICANT	Art Unit	2827
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,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ļ	number(s), publisher, city and/or country where published						
/TN/	144.	Notice of Opposition to European Patent No. 0994 420 of Micron Europe Ltd. dated October 3, 2006						
>>>>>>>	145.	Notice of Opposition to European Patent No. 1 004 956 of Micron Europe Ltd. dated October 3, 2001						
000000000000000000000000000000000000000	146.	Notice of Opposition to European Patent No. 1 022 641 of Micron Europe Ltd. dated December 7, 2007						
	147.	Notice of Opposition to European Patent No. 1 022 642 of Micron Europe Ltd. dated September 10, 2001						
000000000000000000000000000000000000000	148.	Notice of Opposition to European Patent No. 1 197 830 of Hynix Semiconductor Deutschland GmbH, dated July 3, 2007 (with English-language translation)		X				
000000000000000000000000000000000000000	149.	Notice of Opposition to European Patent No. 1 197 830 of Micron Europe Ltd., dated July 3, 2007.						
000000000000000000000000000000000000000	150.	Notice of Opposition to European Patent No. EP 0 525 068, of Hyndai Electronics Deutschland GmbH, dated December 15, 2000 (with English-language translation)						
000000000000000000000000000000000000000	151.	Notice of Opposition to European Patent No. EP 0 525 068, of Infineon Technologies AG, dated November 23, 2000 (with English-language translation)						
форософорософ	152.	Notice of Opposition to European Patent No. EP 0 525 068, of Micron Europe Ltd., dated October 26, 2000						
V	153.	Notice of Prior and Concurrent Proceedings dated March 7, 2008 in Ex Part Reexamination Control No. 90/010,082						
/TN/	154.	Notice of Prior and Concurrent Proceedings dated March 7, 2008 in Ex Part Reexamination Control No. 95/001,026						

EXAMINER SIGNATURE	/Tan Nguyen/	DATE CONSIDERED	09/17/2008	
*EVAMINED: Initial if refere	nee considered whether or not	sitution is in conformance	with MDED 600	Draw line through

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF CO				
Substitute fo	or form 1449A/PTO	Application Number	10/716,595	
INICO	DMATION DICCLOSUDE	Filing Date	November 20, 2003	
	RMATION DISCLOSURE	First Named Inventor	Michael FARMWALD, et al.	
	TEMENT BY APPLICANT	Art Unit	2827	
(L	use as many sheets as necessary)	Examiner Name	Nguyen, Tan	
		Confirmation No.	7213	
Sheet	16 of 23	Attorney Docket Number	57941.000062	

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muers	140.	number(s), publisher, city and/or country where published	YES	NO				
/TN/	155.	Opinion of the Commission on Remedy, from In the Matter of Rambus, Inc., Docket No. 9302 (FTC) from Oral Hearing dated November 16, 2006						
D00000000	156.	Opinion of the Commission, from In the Matter of Rambus Inc., Docket No. 9302 (FTC) dated July 31, 2006						
000000000000000000000000000000000000000	157.	Order Denying Hynix's Motion for Partial Reconsideration of the Claim Construction and Related Summary Judgment Orders from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated February 21, 2006.						
000000000000000000000000000000000000000	158.	Order Denying Rambus's Motion for Summary Judgment of Infringement Relating to Access Time Register Limitations dated March 13, 2006 from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.)						
700000000000000000000000000000000000000	159.	Order Denying Rambus's Motion for Summary Judgment of Infringement Relating to Delay Locked Loop, dated February 23, 2006 from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.)						
000000000000000000000000000000000000000	160.	Order Denying Rambus's Motion for Summary Judgment of Infringement Relating to the In Response to Rising/Falling Claim Limitation dated March 10, 2005, from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.)						
	161.	Order Granting Leave to File Motion for Partial Reconsideration of Claim Construction and Summary Judgment Orders from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated October 3, 2005.						
***************************************	162.	Order Granting Reexamination, mailed on January 9, 2008, from Reexamination Control No, 95/001,013						
V	163.	Order Granting Reexamination, mailed on October 19, 2007, from Reexamination Control No. 95/000,183						
/TN/	164.	Order Granting Reexamination, mailed on October 19, 2007, from Reexamination Control No. 95/000,166						

EXAMINER SIGI	NATURE	/Tan Nguyen/		DATE CONSIDERED	09/17/2008	
*EXAMINER: In	nitial if referen	nce considered,	whether or not	citation is in conformance	ce with MPEP 609.	Draw line through

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute f	or form 1449A/PTO	Application Number	10/716,595
INITO	DMATION DISCLOSURE	Filing Date	November 20, 2003
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STATEMENT BY APPLICANT		Art Unit	2827
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initials	NO.	number(s), publisher, city and/or country where published	YES	NO					
/TN/	165.	Order Granting Reexamination, mailed on October 19, 2007, from Reexamination Control No. 95/000,178							
)0000000000	166.	Order Granting Reexamination, mailed on September 5, 2007, from Reexamination Control No. 95/000,250							
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***************************************	168.	Order Granting Request for Inter Partes Reexamination mailed April 9, 2008 in Reexamination Control No. 95/001,026							
000000000000000000000000000000000000000	169.	Order on Rambus's Motion for Summary Judgment of Infringement, , from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated January 5, 2005.							
***************************************	170.	Order to Show Cause mailed February 22, 2008 in <i>Inter Partes</i> Reexamination Control No. 95/000,178.							
***************************************	171.	Order to Show Cause mailed February 22, 2008 in <i>Inter Partes</i> Reexamination Control No. 95/000,166.							
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***************************************	173.	Order to Show Cause mailed February 22, 2008 in <i>Inter Partes</i> Reexamination Control No. 95/000,250.							
V	174.	Overview of Claim 1 (Chart 2) for EP 0 994 420, EP 1 197 830, EP 1 022 641 and EP 1 640,847 in European Opposition Proceedings for EP 1 197 830 dated May 21, 2008.							
/TN/	175.	Patent Owner's Comments on Third-Party Requster's Response to Orders to Show Cause dated March 19, 2008 in Inter Partes Reexamination Control Nos. 95/000,166 (6,426,916), 95/000,178 (6,324,120), 95/000,183 (6,182,184), and 95/000,250 (6,452,863)							

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(u	ise as many sneets as necessary)	Examiner Name	Nguyen, Tan
: :		Confirmation No.	7213
Sheet	18 of 23	Attorney Docket Number	57941.000062

		OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS			
*Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	TRANS	ATION	
Initials	No.	number(s), publisher, city and/or country where published	YES	NO	
/TN/	176.	Pelgrom, et al., "A 32-kbit Variable-Length Shift Register for Digital Audio Application", ESSCIRC '86 Digital Tech Papers, pgs. 38-40.			
150000000000000000000000000000000000000	177. Peterson, et al., "Two Chips Endow 32-Bit Processor with Fault-Tolerant Architecture International Electronics, pgs. 159-164, April 7, 1983.				
000000000000000000000000000000000000000	178.	Petition to Vacate Filing Dates, Orders Granting Inter Partes Reexamination, and Office Action dated March 7, 2008 in Inter Partes Reexamination Control Nos. 95/001,008 (6,715,020), 95/001,013 (6,697,295) and 95/001,026 (6,378,020)			
W0000000000000000000000000000000000000	179.	Petition to Waive 37 C.F.R. §1.98(a)(2) and Enter Into the File Documents from Co-Pending Reexamination Proceeding dated May 13, 2008 In re Inter Partes Reexamination Control No. 90/010,082			
000000000000000000000000000000000000000	180.	Petition to Waive 37 C.F.R. §1.98(a)(2) and Enter Into the File Documents from Co-Pending Reexamination Proceeding dated May 13, 2008 In re Inter Partes Reexamination Control No. 95/000,183			
000000000000000000000000000000000000000	181.	Petition to Waive 37 C.F.R. §1.98(a)(2) and Enter Into the File Documents from Co-Pending Reexamination Proceeding dated May 13, 2008 In re Inter Partes Reexamination Control No. 95/000,178			
000000000000000000000000000000000000000	182.	Petition to Waive 37 C.F.R. §1.98(a)(2) and Enter Into the File Documents from Co-Pending Reexamination Proceeding dated May 13, 2008 In re Inter Partes Reexamination Control No. 95/001,026			
V	183.	Petition to Waive 37 C.F.R. §1.98(a)(2) and Enter Into the File Documents from Co-Pending Reexamination Proceeding dated May 13, 2008 In re Inter Partes Reexamination Control No. 95/000,166			
/TN/	184.	Petition to Waive 37 C.F.R. §1.98(a)(2) and Enter Into the File Documents from Co-Pending Reexamination Proceeding dated March 7, 2008 In re Inter Partes Reexamination Control No. 95/001,013			

EXAMINER SIGNATURE	/Tan Nguyen/	DATE CONSIDERED	09/17/2008

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PTO/SB/08B (08/03) (modified)

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U.S. Patent and Tr	ademark Office: U.S.	DEPARTMENT C	OF COMMERCE

Substitute fo	or form 1449A/PTO	Application Number	10/716,595
INEO	RMATION DISCLOSURE	Filing Date	November 20, 2003
		First Named Inventor	Michael FARMWALD, et al.
STATEMENT BY APPLICANT (use as many sheets as necessary)		Art Unit	2827
(1	ise as many sneets as necessary)	Examiner Name	Nguyen, Tan
		Confirmation No.	7213
Sheet 19 of 23		Attorney Docket Number	57941.000062

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iniliais	No.	number(s), publisher, city and/or country where published	YES	NO					
/TN/	Plaintiff's Notice of Motion and Motion for Summary Judgment of Infringement by Samsung's Counterclaim Products; Memorandum of Points and Authorities in Support Thereof, from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D. Cal.) dated October 5, 2007.								
Ревиливнового	186.	Plaintiff's Notice of Motion and Motion for Summary Judgment of Infringement by Nanya's Counterclaim Products; Memorandum of Points and Authorities in Support Thereof, , from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal) dated October 5, 2007							
000000000000000000000000000000000000000	187.	Plaintiff's Notice of Motion and Motion for Summary Judgment of Infringement by Nanya's DDR2 SDRAM Devices; Memorandum of Points and Authorities in Support Thereof, from Rambus Inc. v. Hynix Semiconductor Inc. et al. No. 05-00334 RMW (N.D. Cal) dated October 5, 2007.							
90000000000000000000000000000000000000	188.	Plaintiff's Notice of Motion and Motion for Summary Judgment of Infringement by Hynix's DDR2, gDDR2, and GDDR3 Devices; Memorandum of Points and Authorities in Support Thereof, from Rambus Inc. v. Hynix Semiconductor Inc. et al. No. 05-00334 RMW (N.D. Cal) dated October 5, 2007.							
000000000000000000000000000000000000000	189.	Plaintiff's Notice of Motion and Motion for Summary Judgment of Infringement by Samsung's DDR2, gDDR2 and GDDR3 Products; Memorandum of Points and Authorities in Support Thereof, from Rambus Inc. v. Hynix Semiconductor Inc. et al. No. 05-00334 RMW (N.D. Cal) dated October 5, 2007.							
>	190.	Plaintiff's Notice of Motion and Motion for Summary Judgment of Infringement by Samsung's SDRAM and DDR SDRAM Devices; Memorandum of Points and Authorities in Support Thereof, from Rambus Inc v. Samsung Electronics Co., Ltd. et al. No. 05-002298 RMW (N.D.Cal.) dated October 5, 2007.							
/TN/	191.	Plaintiff's Notice of Motion and Motion for Summary Judgment of Infringement by Micron's Counterclaim Products; Memorandum of Points and Authorities in Support Thereof dated, October 5, 2007 from Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.)							

EXAMINER SIGNATURE	/Tan Nguyen/	DATE CONSIDERED	09/17/2008		-
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. //

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PTO/SB/08B (08/03) (modified)
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		Application Number	10/716,595
	RMATION DISCLOSURE	Filing Date	November 20, 2003
		First Named Inventor	Michael FARMWALD, et al.
STATEMENT BY APPLICANT (use as many sheets as necessary)		Art Unit	2827
		Examiner Name	Nguyen, Tan
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Sheet	20 of 23	Attorney Docket Number	57941.000062

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/TN/	Plaintiff's Notice of Motion and Motion for Summary Judgment of Infringement by Micron's DDR2, GDDR3, and RLDRAM II Devices; Memorandum of Points and Authorities in Support Thereof, dated October 5, 2007, from Rambus Inc. v. Micron Technology, Inc., at al., No. 06-0244 RMW (N.D. Cal)			
100000000000000000000000000000000000000	Plaintiff's Notice of Motion and Motion for Summary Judgment of Infringement by Hynix's Counterclaim Products; Memorandum of Points and Authorities in Support Thereof, dated October 5, 2007, from Rambus Inc. v. Hynix Semiconductor Inc. et al. No. 05-00334 RMW (N.D. Cal)			
202300000000000000000000000000000000000	194.	Quinnell, "Coupling DRAM and Bus Technology Yields 500-MHz Burst Transfers," EDN- Electonic Technology for Engineers and Engineering Managers Worldwide, a Cahners Publication, pp. 77-78, March 30, 1992		
000000000000000000000000000000000000000	195.	Quinnell, "Synchronous Memories," EDN-Electonic Technology for Engineers and Engineering Managers Worldwide, pp. 56-66, August 4, 1994		
000000000000000000000000000000000000000	196.	Rambus Inc.'s Opposition to Hynix's Motion for Administrative Relief to File Hynix's Second Supplemental Brief in Support of its Motion for New Trial in Invalidity Due to Prior Art from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated January 9, 2008.		
000000000000000000000000000000000000000	197.	Rambus Inc's Disclosure of Asserted Claims and Preliminary Infringement Contentions Pursuant to Patent Local Rules from Rambus Inc. v. Samsung Electronics Co., Ltd. et al., No. 05-002298 RMW (N.D. Cal) dated April 3, 2006		
9072-0-3-1-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	198.	Rambus's Notice of Motion and Motion for Summary Judgment of Infringement; Corrected Memorandum of Points and Authorities dated from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) January 27, 2004.		
Y	199.	Rambus's Opposition to Hynix's Motion for Reconsideration of the Court's Claim Construction Ruling on "Device" and the Court's Summary Judgment Order's from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated October 31, 2005.		
/TN/	200.	Rambus's Opposition to Hynix Semiconductor Inc.'s Supplemental Brief in Support of its Motion for New Trial in Invalidity Due to Prior Art from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated August 3, 2007.		

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	PRMATION DISCLOSURE	First Named Inventor	Michael FARMWALD, et al.
STATEMENT BY APPLICANT (use as many sheets as necessary)		Art Unit	2827
		Examiner Name	Nguyen, Tan
		Confirmation No.	7213
Sheet	21 of 23	Attorney Docket Number	57941.000062

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muais	NO.		and/or country where published	YES	NO		
/TN/	201.	Rambus's Opposition to Manufacturer's Joint Motion for Summary Judgment of (1) Invalidity of Farmwald/Horowitz Patents-In-Suit Under Rambus's Proposed Claim Construction or (2) of Non-Infringement of the Farmland/Horowitz Patents Under the Manufacturer's Proposed Claim Construction and Memorandum of Points and Authorities from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D. Cal.), and Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.) dated November 2, 2007					
XXXXXXXXX	202.		ment of Infringement by Hynix's Counterclaim Rambus Inc. v. Hynix Semiconductor Inc. et al.				
000000000000000000000000000000000000000	203.	Remedy Statement of Commissioner Pamela Jones Harbour Concurring in Part and Dissenting in Part, from In the Matter of Rambus, Inc. Docket No. 9302 (FTC) from Oral Hearing dated November 15, 2006					
hasaasaaaabaacaaaqag	204.	Reply Declaration of Robert J. Murphy in Support of Rambus's Motion for Summary Judgment from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated March 3, 2004.					
ROSESSESSESSESSESSESSESSESSESSESSESSESSES	205.	Reply Declaration of Robert J. Murphy in Support of Rambus's Reply Claim Construction Brief from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated November 17, 2003.					
202000000000000000000000000000000000000	206.	Reply Declaration of Robert J. Murphy in Support of Reply to Manufacturer's Responsive Brief on Claim Construction from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal.), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D. Cal.), and Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.) dated September 28, 2007.					
000000000000000000000000000000000000000	207.	Request for Reexamination of U.S. Patent No. 6,715,020 dated October 1,2007, from Reexamination Control No. 95/001,008					
V	208.	Request for Reexamination of U.S. Patent No. 6,038,195 dated December 19, 2007, from Reexamination Control No. 90/010,082					
/TN/	209.	Request for Reexamination of U.S. patent No, 6,378,020 dated January 28, 2008, from Reexamination Control No. 95/002,026					
EXAMI	EXAMINER SIGNATURE /Tan Nguyen/ DATE CONSIDERED 09/17/2008						
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		Examiner Name	Nguyen, Tan
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Initials No.		number(s), publisher, city and/or country where published	YES	NO		
/TN/	210.	210. Siemens AG, "Siemens ICs for Entertainment Electronics Picture-in-Picture System, Siemens Edition, August 1989.				
X00000000	211. SLDRAM, "SLDRAM Architectural and Functional Overview," pgs. 1-18 as filed in Application Serial No. 60/057,092 filed August 27, 1997.					
200000000000000000000000000000000000000	212.	Summons to Attend Oral Proceedings Pursuant to Rule 71(1) EPC, dated May 27, 2002, from European Patent No. 0 525 068				
000000000000000000000000000000000000000	213.	Supplemental Declaration of David L. Taylor in Support of Hynix's Motions for Summary Judgment from Hynix Semiconductor Inc. et al. v. Rambus Inc. No. 00-20905 RMW (N.D. Cal.) dated March 3, 2004.				
***************************************	214.	Supplemental Declaration of Joseph McAlexander in Support of the Manufacturer's Joint Reply Regarding the Manufacturer's Farmwald and Ware Motions for Summary Judgment, from Rambus Inc. v. Hynix Semiconductor Inc. et al., No. 05-00334 RMW (N.D.Cal), Rambus Inc. v. Samsung Electronics Co., Ltd., et al. No. 05-002298 RMW (N.D. Cal.), and Rambus Inc. v. Micron Technology, Inc. et al., No. 06-00244 RMW (N.D. Cal.) dated November 16, 2007.				
000000000000000000000000000000000000000	215.	Third-Party Requester's Petition for Clarification of Real Party In Interest and Opposition to Petition to Vacate Filing Dates, Orders Granting Inter Partes Reexamination and, Office Actions dated March 20, 2008 in Inter Partes Reexamination Control Nos. 95/001,008 (6,715,020), 95/001,013 (6,697,295) and 95/001,026(6,378,020)				
000000000000000000000000000000000000000	216.	Third-Party Requester's Response to Orders to Show Cause dated March 4, 2008 in Inter Partes Reexamination Control Nos. 95/000,166 (6,426,916), 95/000,178 (6,324,120), 95/000,183 (6,182,184), and 95/000,250 (6,452,863)				
V	217.	Tuite, "Cache Architectures Under Pressure to Match CPU Performance," Computer Design for Electronic Engineers and Engineering Managers," pp. 91-97, March 1993.				
/TN/	218.	Wilson, "A Cure for the Bottleneck Blues," Computer Design for Electronic Engineers and Engineering Managers," pp. 38 & 40, May 19, 1992.				

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*EVAMINED: Initial if rofe	propos considered whether o	er not citation is in conformance	with MPED 600	Draw line through

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/TN/	219.	Wilson, MoSys Details High-Speed Graphics DRAM, Electronics Engineering Times, July 18,		

EXAMINER SIGNATURE	/Tan Nguyen/	DATE CONSIDERED	09/17/2008
			with MPEP 609. Draw line through munication to applicant.